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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-------------|----------------------|---------------------|------------------|
| 10/075,073 | 02/13/2002 | William Glen Harter | A0000428-01-CFP | 7569 |
| 28880 | 7590 | 10/21/2005 | EXAMINER | |
| WARNER-LAMBERT COMPANY 2800 PLYMOUTH RD ANN ARBOR, MI 48105 | | | TRUONG, TAMTHOM NGO | |
| | | ART UNIT | PAPER NUMBER | |
| | | 1624 | | |

DATE MAILED: 10/21/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

| | | | |
|------------------------------|-------------------------------|------------------|--|
| Office Action Summary | Application No. | Applicant(s) | |
| | 10/075,073 | HARTER ET AL. | |
| | Examiner Tamthom N. Truong | Art Unit 1624 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 8-23-05 (RCE).

2a) This action is **FINAL**. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 10, 13, 18, 23, 33 and 46 is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) Claim(s) _____ is/are allowed.

6) Claim(s) 10, 23, 33 and 46 is/are rejected.

7) Claim(s) 13 and 18 is/are objected to.

8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All b) Some * c) None of:

1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. _____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

| | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____ | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 8-23-05 has been entered.

Claims 1-9, 11, 12, 14-17, 19-22, 24-32, 34-45 and 47-54 have been cancelled.

Claims 10, 13, 18, 23, 33 and 46 are pending.

Claim Rejections - 35 USC § 102

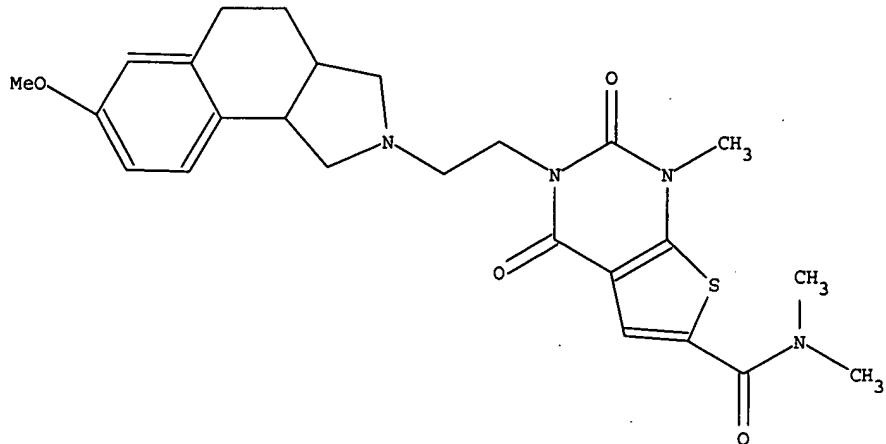
The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 10, 23, 33 and 46 rejected under 35 U.S.C. 102(b) as being anticipated by Meyer et. al. (US 5,792,767). On column 16, Meyer et. al. disclose a species of substituted *thieno[2,3-d]pyrimidine* on line 45, having the following structure:

*3-[2-(*cis*-6-methoxy-2,3,3a,4,5,9b-hexahydro-[1H]-benz[e]isoindol-1-yl)ethyl]-1-methyl-6-dimethylaminocarbonyl-thieno[2,3-d]pyrimidine-2,4-(1H,3H)-dione.*



The disclosed compound reads on the instantly claimed formula III with the following substituents:

- i. R^1 is $(CH_2)_n$ -heterocyclic; $n = 2$;
- ii. A is $-C(=O)-$;
- iii. B is $-NR^5$.

The disclosed compound is α -1 adrenoceptor antagonist which could affect heart rate (chronotropic) and contractility (inotropic), and would have an implication in the treatment of heart failure as well. Thus, the pharmaceutical composition and method of treatment recited in the instant claims 23, 33 and 46 are also anticipated by the biological activity of the disclosed compound.

Claim Objections

3. Claims 13 and 18 are objected to because of the following informalities: Many species in said claims do not fall within the claimed genus. Although claims 13 and 18 are independent claims, the following species do not fall within the scope of formula III, or are non-elected species:

a. Claim 13:

Page 8, the 9th species from top (a mixture);

Page 13, the 6th species from top (intermediate);

Page 25, the 2nd species from last (intermediate);

Page 29, the last species.

b. Claim 18:

Page 56, the 5th, 10th and 11th species from top;

Page 57, all species;

Page 58, the last three species.

Appropriate correction is required.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tamthom N. Truong whose telephone number is 571-272-0676. The examiner can normally be reached on M-F (9:30-6:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James O. Wilson can be reached on 571-272-0661. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

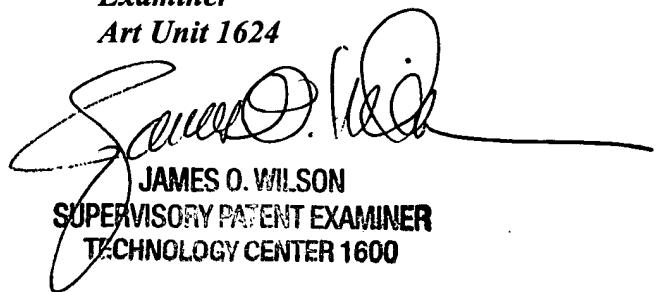
Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Tamthom N. Truong

Examiner

Art Unit 1624



JAMES O. WILSON

SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 1600

10-16-05